

An aerial photograph of a ship's deck, likely an aircraft carrier, viewed from the stern. The deck is dark and wet, with white foam from the ship's wake visible on the right side. The sea is dark and choppy. The sky is overcast and grey. The text "Fleet Perspectives Part II" is overlaid in a large, blue, serif font in the upper center.

# Fleet Perspectives Part II

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# General Observations

- PD – come up or not?
- Data to Navy databases
- Operator overload
  - Avoid collision, gain tactical advantage – and do it continuously
- High frequency of significant sound speed changes
  - May not be able to use tactically

# General Observations (cont.)

- Surface morphology
  - Wind forcing not adequate
  - Need to characterize uncertainty in the atmosphere
- Bottom characteristics
  - Bathymetric uncertainty
  - Bottom characteristics
  - Sub-bottom propagation

# My top few takeaways

- Capturing fleet experience
- Past emphasis on THE answer
  - PD's other than 50%
  - Displays that show range of possibilities
- TDA vs. Database improvements
- Prioritization of uncertainties
- And the number one thing I'll take from this meeting .....

I'm not yet ready to include Kurtosis plots in  
briefs to the Admiral